

10  
Ranger. 1623.

A  
New Almanack and Prog-  
nostication, for the yeare  
of our Lord God.

1623.

Being the yeare from the worlds  
Creation. 5523.

And the third after the Leape yeare.  
Calculated and properly referred

to the Meridian of the Honourable  
City of Yorke, where the Pole is  
raised above the Horizon 54. degrees  
20. minutes, and whose Longitude  
is reckoned 23. degrees 30. minutes.  
So that it may serve for all Ec-  
clipses and Aspects for the Honoura-  
ble City of London, without any  
sensible error.

By Philip Ranger Gent. and Student  
in the Arts Mathematicall.

LONDON.  
Printed for the Company of  
Stationers. 1623.

# A Compendious Chronology, or Computation of Yeares.

Yeares

Since The Creation of the world.	5585
Since the Flood of Noah,	3927
Since Israels departure out of Egypt,	3131
Since Salomon built the Temple,	2636
Since London was built,	1731
Since Yorke was built,	1589
Since the building of Yorke Minster,	904
Since R. William conquered England,	555
Since Pauls Church in London was built,	537
Since Westminster Hall was built by W. Rufus	524
Since Landon Bridge was built of Stone,	447
Since the first invention of Gunnes,	243
Since the first invention of Printing,	163
Since D. Luther detected Popish falshoods,	106
Since R. H. 8. crushed the Popes power in England	89
Since the Rebellion in Yorkshire by Aske,	86
Since Register booke began in every Parish,	85
Since R. Henry conquered Bolloigne,	79
Since the beginning of blessed Q. Elizabeths reign	65
Since Duse Bridge at Yorke was broken downe	59
Since the birth of our Souer. R. James, June, 19	57
Since the Rebellion of the 2. Northen Earles,	54
Since the Massacre in France by Papists,	51
Since the first deepe Snowe,	44
Since the generall Earthquake,	43
Since Cisbury Campe,	35
Since the surprisling of Cadiz by the E. of Essex,	27
Since the last plague in London,	20
Since the damnable Powder treason, Nouem. 5.	18
Since the birth of Prince Charles, Nouem. 19.	22
Since the last great frost,	15
Since the last great Snowe,	8
Since the Coronation of R. James in Scot. Jul. 29	56
Since his Matell. inauguration in Eng. Mar. 24	20

## Ordinary and vulgar Obseruations.

The Iulian, Soffignian, or  
English accomt for this  
prelent yeare, 1623.

The Lilian, Gregorian, or  
Romish accomt for this pre-  
sent yeare, 1623.

The Golden number, 9	Aureus Numerus, 18
The Cycle of the Sun, 19	Cyclus Solaris, 19
The Dominical Letter, C	Litera Domicalis, A
The Roman Indiction, 6	Indictio Romana, 6
The Epact, 9	Epactæ, 29
From Christmas day to Shrouesun. is 8. weekes and 4. dayes.	Interuallum inter natalem Domini, & Quinquagesi- mam continet 9. Hebdo. o dies.
From Shrouesunday till Layd day, is 4. weekes and 2. dayes.	
From Trinity Sunday to Aduent Sunday, is five and twenty weekes.	Numerus Hebdomadarū in- ter festum Trinita. & Do- minicā Aduentus est, 25
First Sun. in lent. Mar. 2	Quadragesima, Febr. 6
Easter day, Aprill, 13	Dominica Pascalis, Mar. 20
Ascension day, May, 22	Ascensio Domini, April, 28
Whitsunday, June, 1	Penticoste, May, 8
Aduent Sunday, Nouē 30	Dominica Aduent. Decē. 3

Ember dayes.		Ember dayes.	
March,	5.7.8	Februaris,	9.11.12
June,	4.6.7	May,	11.13.14
September,	17.19.20	Septemb.	20.22.23
December,	17.19.20	Decemb.	20.22.23

### Prohibited times from Marriage.

From Nouember 30. till Ianuary 13.

From February, 9. till Aprill, 21.

From May, 18. till June, 9.

The Anatomy of Mans body as the  
partes thereof are gouerned, by the  
twelue Signes of the  
Zodiacke.

\*\*\*

Aries, Head and face.

Taurus,  
Necke and  
throat.

Cancer,  
Brest & Sto-  
mach.

Virgo,  
Bowels and  
belly.

Scorpio,  
Secret mem-  
bers.

Capricor.  
The knees.



Gemini,  
Armes and  
Shoulders.

Leo,  
Heart and  
Backe.

Libra,  
Kernes and  
loynes.

Sagitarius,  
the Thighes.

Aquarius,  
The Legges.

Pisces, The feet.

♈ Aries, ♉ Taurus, ♊ Gemini, ♋ Cancer,  
♌ Leo, ♍ Virgo, ♎ Libra, ♏ Scorpio,  
♐ Sagittarius, ♑ Capricornus, ♒ Aquarius, ♓ Pisces.



January hath xxxj. dayes.

The olde yeares past, the new doth now begin,  
Put off the old man, abandon deadly sinne:  
Such as determine in their sinnes to dwell,  
There is no hope but they runne post to Hell.

Sun  
riseth  
at  
Yorke

1	a	Adm. reare d	Tau. 23		8 17
2	b	Oct. Steph.	Gem. 5		8 16
3	c	Oct. John	Gem. 17		8 15
4	d	Oct. Innoc.	Gem. 29	● Full moone the	8 13
5	e	Deps. of Ed	Can. 11	6. day, 22. minutes	8 12
6	f	Twisse day	Can. 24	past 3. a clocke in the	8 11
7	g	Felix & Jan.	Leo 7	afternoone.	8 9
8	a	Lucian	Leo 19		8 8
9	b	Paul Herm.	Virgo. 3		8 7
10	c	Solin Aquar	Virg. 16		8 5
11	d	Linus mart.	Virg. 30	☾ Last quarter the	8 4
12	e	I. sh. aft. Ep	Libz. 14	13. day, 9. minutes	8 2
13	f	Hilary bish.	Libz. 28	past 7. a clocke at	8 C
14	g	Felix	Scor. 13	night.	7 58
15	a	Maurice.	Scor. 27		7 56
16	b	Marcellus	Sag. 12		7 54
17	c	Anthony dep	Sag. 26		7 52
18	d	Pisca virg.	Cap. 11		7 50
19	e	2. sh. aft. Ep	Cep. 24	● New moone the	7 48
20	f	Fab. & Seb.	Aquar 8	20. day, halfe an hour	7 46
21	g	Agnes virg.	Aqua. 21	past 3. after noone.	7 44
22	a	Vincent ma.	Pisces 4		7 42
23	b	Term. beatus	Pisc. 17		7 40
24	c	Timotheus	Pisc. 29		7 39
25	d	Con. of Pau	Trig. 12		7 37
26	e	Polticarp bi.	Vries 24	☾ First quarter	7 36
27	f	Chrysostome	Taur. 6	the 28. day, halfe an	7 34
28	g	Agnetis	Tau. 18	houre past 10. in the	7 33
29	a	Valerius bi.	Gem. 1	morning.	7 31
30	b	Batilde	Gem. 13		7 29
31	c	Saturnine	Gem. 25		7 27

February hath xxviij. dayes.

Be quiet, and sober, and good Dyet vse,  
The helpe of good Phisicke now doe not refuse: Sun  
The Spring comming on, thy blood doth increase, riseth  
Of sin purge thy soule, with God make thy peace, at  
Yorke

1	d	fast	Tanc. 7		7 25
2	e	Part of Ma	Can. 20		7 23
3	f	Craft. Purif.	Leo 3	● Full moon the	7 21
4	g	Gilbert cont	Leo 16	5. day, 3. quarters	7 19
5	a	Egathe virg	Leo 29	past 5. in the mo=	7 16
6	b	Dorothea vir	Virg. 13	ning.	7 14
7	c	Amandus	Virg. 26		7 12
8	d	Sol in Pisces	Lib. 10		7 10
9	e	5. sun. aft. Ep	Lib. 25		7 8
10	f	Scholastica	Scor. 9	( Last quarter the	7 6
11	g	Euphrasia	Scor. 23	12. day, 12. minutes	7 4
12	a	Term ends	Sagit 7	past 2. in the mo=	7 2
13	b	Mollan bish	Sagit. 21	ning.	7 0
14	c	Valentine	Capr. 7		6 58
15	d	Julian virg.	Cap. 21		6 56
16	e	Sexagesima.	Aquar. 4		6 53
17	f	Policron	Aqua. 17	● New moone the	6 51
18	g	Simoon bish	Aqua. 30	19. day, about 6. a	6 59
19	a	Sabine mar	Pisc. 13	clock in the morning	6 47
20	b	Wilfred vir	Pisc. 25		6 45
21	c	69. Martyrs	Pries 8		6 43
22	d	fast	Pries 22		6 41
23	e	Shouelund	Taur. 2	) First quarter	6 39
24	f	Nathas Ap	Tau. 14	the 27. day, halfe an	6 37
25	g	Inuen. Pau	Tau. 26	houre past 6. in the	6 34
26	a	Pellor mart	Gem. 8	morning.	6 31
27	b	August. bish.	Gem. 20		6 28
28	c	Oswald con.	Canc. 3		6 26

March hath xxxj. dayes.

Set Pumpions, and Citrons, March counselleth so, Sun  
With Rosemary, Rue, Sage, and other Herbes mo: rilerth  
Plant goodnesse and foster it still in thy heart, at  
And God his good blessings to thee will impart. Yorke

1	d	David bish.	Can. 15		6 23
2	e	Quadragesim	Can. 28		6 21
3	f	Maurice	Leo 11		6 18
4	g	Adrian mari	Leo 24	● Full moon the	6 15
5	a	Eusebius	Virg. 8	6. day, 3. quarters	6 13
6	b	Victorinus	Virg. 21	past 5. in the after-	6 10
7	c	Perpetua	Libz. 6	noone.	6 8
8	d	Felix depol.	Libz. 20		6 6
9	e	2. sun. in lent	Scor. 5		6 3
10	f	Sol in Aries	Scor. 20		6 0
11	g	Euthlake	Sag. 4	( Last quarter the	5 58
12	a	Gregory bish	Sag. 19	13. day, halfe an	5 55
13	b	Theodorius	Capit. 3	houre past 9. in the	5 53
14	c	Peter mart.	Cap. 17	morning.	5 51
15	d	Longius ma	Aquar 1		5 49
16	e	3. sun. in lent	Aqua. 14		5 47
17	f	Patrick bish	Aqua. 27		5 45
18	g	Ios. Ma. hul	Pisc. 10		5 43
19	a	Euthbert	Pisc. 23	● New moone the	5 41
20	b	Benedict	Aries 4	20. day, 3. quarters	5 39
21	c	Afrodolus	Aries 16	past 9. at night.	5 37
22	d	Theodorius	Aries 28		5 35
23	e	4. sun. in lent	Tau. 10		5 33
24	f	Init. Reg. Iac	Tau. 22		5 31
25	g	Inun. of Ma	Gem. 4		5 29
26	a	Callos. mart	Gem. 16	● First quarter	5 27
27	b	Martian	Gem. 28	the 29. day, 10. mi-	5 25
28	c	Dorothea uir.	Can. 10	nutes past 1. in the	5 23
29	d	Quintinus	Can. 23	morning.	5 21
30	e	5. sun. in lent	Leo 6		5 19
	f	Delme bish	Leo 19		5 17

Aprill hath xxx. dayes.

The pores are ope, and strength doth now renew,  
 And Learned men may Physicke giue to you :  
 But whilest you seeke your bodyes to preferue,  
 Let not your soules for food eternall sterue.

Sun  
 riseth  
 at  
 Yorke

1	g	Theodora	Virgo 2		5 14
2	a	Mary Cap	Virg. 16	● Full moon the	5 12
3	b	Richard bish	Virg. 30	5. day, halfe an houre	5 10
4	c	Embrose bish	Libr. 15	past 3 in the morning	5 8
5	d	Martian	Libr. 29	Eclipsed.	5 6
6	e	Palme Lund	Scor. 14		5 3
7	f	Euphemia	Scor. 29		5 1
8	g	Egippus	Sag. 14		4 59
9	a	Perceius	Sag. 29		4 57
10	b	Solin Taurus	Capr. 13	☾ Last quarter the	4 55
11	c	7. Virgins	Cap. 27	11. day, a little past	4 53
12	d	Guthlak	Aqua. 11	6. at night.	4 51
13	e	Gastar day	Aqua. 24		4 49
14	f	Diond	Pisc. 7		4 46
15	g	Dwald	Pisc. 19		4 44
16	a	Adonis	Trics 2	● New moon the	4 42
17	b	Anticetus	Trics 14	19. day, 10. minutes	4 40
18	c	Cleuchertus	Trics 26	past 6. at night.	4 38
19	d	Alphage	Taur. 8		4 36
20	e	1. sun aft. ☾	Tau. 19		4 34
21	f	Simone con	Gem. 1		4 32
22	g	Sother virg	Gem. 13		4 30
23	a	S. George	Gem. 24		4 28
24	b	Willfred bish	Can. 6	☾ first quarter	4 26
25	c	1. sun aft. ☾	Can. 19	the 27. day, a quarter	4 24
26	d	Leo	Leo 1	past 4. afternoone.	4 22
27	e	2. sun aft. ☾	Leo 14		4 20
28	f	Utralis	Leo 27		4 19
29	g	Peter of Mt	Virg. 11		4 17
30	a	Term begin	Virg. 24		4 15

May hath xxxj. dayes.

Now earth bemanled is with Flowers that abound, Sun  
& Birds record their notes w<sup>th</sup> sweet & pleasing sound riseth  
lift vp thine hart to God w<sup>th</sup> thanks for blessings sent  
Let not his gifts vnthankfully in vanity be spent. **Yorke**

1	b	Phil & Jaco.	Libz. 9		4	14
2	c	Nichanaſius	Libz. 23		4	12
3	d	Inuen. Cruc	Scor. 8		4	10
4	e	3. ſun. aft. C.	Scor. 23	● full moon the	4	8
5	f	Gorhardus	Bag. 8	4. day, halfe an houre	4	7
6	g	Iohn Port La	Bag. 23	paſt 11. before none.	4	5
7	a	Iohn Beuer	Capr. 8		4	3
8	b	Ipar. Mich	Cap. 22		4	1
9	c	Tranſ. of St	Aquar. 6		3	59
10	d	Eptimachus	Aqua. 20	☾ Laſt quarter the	3	58
11	e	Sol in Gem.	Piſces 3	11. day, a quarter paſt	3	56
12	f	Pancraſius	Piſc. 16	6. in the morning.	3	55
13	g	Sotface	Piſc. 29		3	53
14	a	Ador. mart.	Aries 11		3	52
15	b	Sophia birg	Aries 23		3	51
16	c	Grandianus	Taur. 5		3	49
17	d	Bernard	Tau. 17		3	48
18	e	Anna. Sun.	Tau. 28	● New moone the	3	47
19	f	Dunſtan bi.	Gem. 18	19 day, 3. quarters	3	45
20	g	Hellen D.	Gem. 23	paſt 5. in the mor-	3	44
21	a	Iulian birg	Canc. 3	nung.	3	43
22	b	Alcention	Can. 15		3	42
23	c	Deſiderius	Can. 27		3	41
24	d	Urbanus	Leo		3	40
25	e	5. ſun. aft. C	Leo 22	☾ firſt quarter	3	39
26	f	Germe ende	Virgo. 6	the 27. day, about 5.	3	38
27	g	Edm. Beſſe	Virg. 19	in the morning.	3	37
28	a	German biſh	Libz. 3		3	36
29	b	Editha mede	Libz. 17		3	35
30	c	ſelfe	Scor. 2		3	34
31	d	Petronill bi	Scor. 17		3	33

June hath xxx. dayes.

Hot Spice is naught, strong Wines inflame,  
Sweet meates are worse, much sleepe the same :  
But sinfull ryot worst of all is deem'd,  
Danne not thy spoule w<sup>ch</sup> Christ hath now redeemd. | Sun  
rifeth  
at  
Vorne

1	<b>C</b>	Whit Sunday	Bag. 2	3 33
2	<b>f</b>	Marcelline	Bag. 17	3 33
3	<b>g</b>	Erasmus	Cap. 1	● full moon the 3 32
4	<b>a</b>	Ember fast	Cap. 16	2. day, about 7. a 3 32
5	<b>b</b>	Boniface m.	Aqua. 1	clocke at night, 3 32
6	<b>c</b>	William con	Aqua. 15	3 32
7	<b>d</b>	Willstan	Aqua. 28	3 31
8	<b>e</b>	Trinity S <sup>a</sup> .	Disc. 12	3 31
9	<b>f</b>	Edmund k.	Disc. 25	( Last quarter the 3 31
10	<b>g</b>	Innocent co.	Dries 7	9. day, 23. minutes 3 31
11	<b>a</b>	Solin Casc.	Dries 20	past 5. a clocke at 3 31
12	<b>b</b>	Longest day	Taur. 2	night. 3 31
13	<b>c</b>	Term eras.	Tau. 14	3 31
14	<b>d</b>	Basil bish.	Tau. 26	3 31
15	<b>e</b>	1. sun. aft. tri.	Gemi. 8	3 31
16	<b>f</b>	Rich. transf.	Gemi. 19	3 32
17	<b>g</b>	Borulph	Canc. 1	● New moone the 3 32
18	<b>a</b>	Marcellian.	Can. 13	17. day, 3. quarters 3 32
19	<b>b</b>	Nat. K. James	Can. 25	past 8. at night. 3 32
20	<b>c</b>	Edward tra	Leo 7	3 32
21	<b>d</b>	Walsburg vi	Leo 19	3 33
22	<b>e</b>	2. sun. aft. tri	Virg. 2	3 33
23	<b>f</b>	fall	Virg. 15	3 34
24	<b>g</b>	S. Jo. Bapt	Virg. 29	3 34
25	<b>a</b>	Amandus	Lib. 12	) first quarter 3 35
26	<b>b</b>	John & Paul	Lib. 27	the 25. day, about 3 35
27	<b>c</b>	Ereescens m.	Scor. 11	noont. 3 36
28	<b>d</b>	fall	Scor. 26	3 37
29	<b>e</b>	Peter & Paul	Bag. 11	3 38
30	<b>f</b>	Com. of Pan	Bag. 25	3 39



July hath xxxj. dayes.

What pleaseth Iune like Iuly best,  
Colde bathes they loue amongst the rest:  
The Grasse that growes to morrow's Hay,  
And man that's now asloone in Clay.

Sun  
riseth  
at  
Yorke

1	g	Oct. of Iohn	Cap. 10		3 40
2	a	Terme ends	Cap. 25	● Full moone the	3 42
3	b	Gregory bish	Aqua. 9	2. day, 24. minutes	3 43
4	c	tran. of Mar	Aqua. 23	past 2. in the mo-	3 44
5	d	Dag da. beg	Disces 6	ning.	3 45
6	e	4. sun. aft. tri	Disce. 20		3 47
7	f	Era. of The	Drles 3		3 48
8	g	Grimbald	Drles 15		3 49
9	a	Ciril of Alex	Drles 28	( Last quarter the	3 51
10	b	7. Bethz ma	Tau. 10	9. day, 21. minutes	3 52
11	c	Benedict.	Tau. 22	past 8. a clocke in the	3 53
12	d	Nabor & f. l	Gem. 4	morning.	3 55
13	e	Sci in Leo	Gem. 16		3 56
14	f	Sonauentur	Gem. 28		3 58
15	g	Stwithin	Can. 10		3 59
16	a	Osmond tra.	Can. 22	● New moone the	4 1
17	b	Kenelme k.	Leo 4	17. day, 37. minutes	4 3
18	c	Arnolphus	Leo 17	past 10. a clocke in	4 5
19	d	Ruffus & Ful	Leo 29	the morning.	4 7
20	e	6. sun. aft. tri	Virg. 12		4 8
21	f	Praxide btr.	Virg. 25		4 10
22	g	Mary Mag.	Libra 9		4 11
23	a	Apollinaris	Libz. 23	) First quarter	4 13
24	b	Paul	Scor. 7	the 24. day, at 7. a	4 15
25	c	James Apo	Scor. 21	clocke in the after-	4 16
26	d	Time mo. M	Sag. 6	noone.	4 18
27	e	7. sun. aft. tri	ag. 20		4 20
28	f	Dampson	pr. 5		4 22
29	g	Init. Reg. Sc.	Cap. 16	● Full moone the	4 24
30	a	56. year. Since	Suar. 4	21. day, at high	4 26
31	b	Germenus	Aqua. 18	noone.	4 27

August hath xxxj. dayes.

Now gather thy fruites, God send thee good store, Sun  
Remember to giue some part to the Poore: riseth  
Lend them that want, the Almighty fauoureth such at  
And in short time repayes them twice as much. Yorke

1	t	Lammas da	Pisc. 1		4 29
2	b	Stephanus	Pisc. 14		4 31
3	e	8. sun. aft. tri	Pisc. 27		4 33
4	f	Priscarchus	Bries 10	C Last quarter the	4 35
5	g	Gowites con	Bries 23	8. day, a quarter past	4 37
6	a	Tran. of Ch	Taur. 5	1. in the morning.	4 39
7	b	Festum Iel.	Tau. 18		4 41
8	c	Cirtacke	Tau. 30		4 43
9	d	Romanus	Gem. 12		4 45
10	e	9. sun. aft. tri	Gem. 24		4 47
11	f	Tiburt mart	Canc. 6		4 49
12	g	Clare vir.	Can. 18	☉ New moone the	4 51
13	a	Sol in Virgo	Leo 1	15. day, a quarter past	4 53
14	b	Eusebius	Leo 13	11. at night.	4 55
15	c	Barnard co.	Leo 26		4 57
16	d	Rochus con.	Virg. 9		4 59
17	e	10. sun. aft. tr	Virg. 22		5 1
18	f	Agapit	Libz. 5		5 3
19	g	Magnus	Libz. 19	☾ first quarter	5 6
20	a	Leonard	Scor. 3	the 22. day, about 11.	5 8
21	b	Barnarde	Scor. 17	a clocke at night.	5 10
22	c	Simphonta	Sag. 2		5 12
23	d	fast	Sag. 16		5 14
24	e	Barthol. Ap	Capri. 1		5 16
25	f	Letors King	Capri. 15		5 18
26	g	Seuerine	Cap. 29	☉ Full moon the	5 20
27	a	Dog da end.	Aqua. 13	29. day, at 10. a	5 22
28	b	Augustine	Aqua. 27	clocke at night.	5 25
29	c	John dehea.	Pisc. 10		5 27
30	d	Felix & Aud.	Pisc. 23		5 29
31	e	12 sun. aft. tr	Bries 6		5 32

September hath xxx. dayes.

Ye Clergy men þ share the tenth of poor mens pain  
Striue by your paines their soules for God to gaine  
Ye Country men pay God what is his due, & more,  
And God will blesse you with abundant store.

Sun  
risseth  
at  
York.

1	f	Egidius	Aries 18		5 35
2	g	Anthony	Tau. 1		5 38
3	a	Gregory	Tau. 13		5 40
4	d	Cuthbertus	Tau. 25	☾ Last quarter the	5 42
5	e	Bertine	Gemi. 7	6. day. 40. minutes	5 44
6	b	Eugenius	Gemi. 19	past 6. at night.	5 46
7	c	13. sun. aft. cr	Canc. 2		5 48
8	f	Pat. of Mar	Can. 14		5 50
9	g	Gorgontius	Can. 26		5 52
10	a	Stinius mar	Leo 9		5 54
11	b	Mauricius	Leo 21	☉ New moone the	5 56
12	c	Willfride bi.	Virgo. 4	14. day, about 11. a	5 58
13	d	Sol in Libra	Virg. 18	clocke before noone.	6 0
14	e	14. sun. aft. cr	Libra 1		6 2
15	f	Amantius	Libr. 15		6 5
16	g	Edith birg.	Libr. 29		6 7
17	a	Ember fast	Scor. 13		6 9
18	b	Victor	Scor. 28	☾ First quarter	6 11
19	c	Januarius	Sag. 13	the 21. day. 42. min.	6 13
20	d	Eustace fast	Sag. 27	past 4. in the mor-	6 15
21	e	Matheo 3p	Cap. 12	ning.	6 17
22	f	Maurice	Capr. 26		6 19
23	g	Tecla birg.	Aqua. 10		6 22
24	a	Indoctus m.	Aqua. 24		6 24
25	b	Ferminus	Pisces 7	☉ Full moon the	6 26
26	c	Etyrian	Pisc. 20	28. day, halfe an hour	6 28
27	d	Colme & Da	Aries 2	before high noone.	6 31
28	e	16. sun. aft. cr	Aries 15		6 33
29	f	Michael 3p	Aries 27		6 35
30	g	Hierome	Tau. 9		6 38

October hath xxxj. dayes.

October warnes warme Clothes prouide,  
Gainst Winters furious rage :  
And Grace inuites repent betimes;  
Gods furious wrath to swage.

Sun  
risseth  
at  
Yorke

1	a	Remigius bi	Tau. 21		6 41
2	b	Leodigarus	Gemt. 3		6 43
3	c	Candibus	Gemt. 15		6 45
4	d	Appollinari.	Gemt. 27	( Last quarter the	6 48
5	e	17. sun. aft. tr	Can. 9	6. day, 23. minutes	6 50
6	f	Faith	Can. 21	past 1. in the after-	6 52
7	g	Marcellian.	Leo 4	noone.	6 54
8	a	Delagius	Leo 16		6 57
9	b	Term begin	Leo 29		6 59
10	c	Gedeon mar	Virg. 13		7 1
11	d	Nichasius	Virg. 26		7 3
12	e	18. sun. aft. tr	Lib. 10	● New moon the	7 5
13	f	Sol in Scorp.	Lib. 24	13. day, 3. quarters	7 7
14	g	Calixtus	Scor. 8	past 9. at night.	7 9
15	a	Molfran	Scor. 23		7 11
16	b	Nich. in mō.	Sag. 8		7 14
17	c	Florentinus	Sag. 23		7 16
18	d	S. Luke Cu	Capr. 7		7 18
19	e	19. sun. aft. tr	Capr. 22	☾ first quarter	7 20
20	f	Tres Mich.	Aquar. 6	the 20. day, halfe an	7 22
21	g	11. Mart. bi	Aqua. 20	houre past high noon.	7 24
22	a	Mary Salo.	Pisces 4		7 26
23	b	Romanus	Pisc. 17		7 28
24	c	Magloze	Pisc. 30		7 30
25	d	Crispine Cr	Aries 12		7 32
26	e	20. sun. aft. tr	Aries 24	● full moon the	7 34
27	f	Faß	Taur. 6	28. day, 52. minutes	7 36
28	g	Simons Ju	Tau. 18	past 3. in the moy	7 38
29	a	Narcissus	Tau. 30	ning.	7 40
30	b	Germanus	Gemt 12		7 42
31	c	Nutrine fall	Gemt. 23		7 44

# November hath xxx. dayes.

Now Earth is cloathed in Horrid weeds,  
All flourishing Flowers are faded:  
It well resembles state of Man,  
When Life by Death's inuaded.

Sun  
riseth  
at  
Norke

1	<b>S</b>	<b>St Sain</b>	<b>Canc.</b>	5		7 46
2	<b>E</b>	<b>21. sun. aft. tr</b>	<b>Can.</b>	17		7 48
3	<b>f</b>	<b>Winefride</b>	<b>Can.</b>	29		7 50
4	<b>a</b>	<b>Amantius</b>	<b>Leo</b>	12	( Last quarter the	7 52
5	<b>a</b>	<b>Polodre tre.</b>	<b>Leo</b>	24	5. day, about 8. in	7 53
6	<b>b</b>	<b>Leonard</b>	<b>Virgo.</b>	7	the moyning.	7 55
7	<b>c</b>	<b>Willibode</b>	<b>Virg.</b>	20		7 57
8	<b>d</b>	<b>4. Crowned</b>	<b>Libra</b>	4		7 59
9	<b>E</b>	<b>22. sun. aft. tr</b>	<b>Liby.</b>	18		8 1
10	<b>f</b>	<b>Martine</b>	<b>Scor.</b>	2		8 2
11	<b>g</b>	<b>Martin bish</b>	<b>Scor.</b>	17	● New moone	8 4
12	<b>a</b>	<b>Sol in Sagit.</b>	<b>Sagit.</b>	2	the 12. day, at 8. a	8 6
13	<b>b</b>	<b>Wice</b>	<b>Sag.</b>	17	clocke in the moyn-	8 7
14	<b>c</b>	<b>Tral. of Erk</b>	<b>Capri.</b>	2	ning.	8 8
15	<b>d</b>	<b>Macute</b>	<b>Capri.</b>	17		8 9
16	<b>E</b>	<b>23. sun. aft. tr</b>	<b>Aquar.</b>	1		8 11
17	<b>f</b>	<b>M. Elizabeth</b>	<b>Aqua.</b>	16		8 12
18	<b>g</b>	<b>Oeta Martin.</b>	<b>Aqua.</b>	30		8 13
19	<b>a</b>	<b>Na. P. Charl.</b>	<b>Pisc.</b>	13	) first quarter	8 14
20	<b>b</b>	<b>Edmund k.</b>	<b>Pisc.</b>	26	the 18. day, halfe an	8 15
21	<b>c</b>	<b>Dies of Ma.</b>	<b>Aries</b>	9	houre before mid-	8 16
22	<b>d</b>	<b>Cicilie birg.</b>	<b>Aries</b>	22	night.	8 17
23	<b>E</b>	<b>24. sun. aft. tr</b>	<b>Taur.</b>	4		8 18
24	<b>f</b>	<b>Crisogon</b>	<b>Tan.</b>	16		8 19
25	<b>g</b>	<b>Katherine bi</b>	<b>Tan.</b>	27		8 21
26	<b>a</b>	<b>Linus</b>	<b>Gem.</b>	9	● full moon the	8 22
27	<b>b</b>	<b>Agricola</b>	<b>Gem.</b>	21	26. day, 22. minutes	8 23
28	<b>c</b>	<b>Terme ends</b>	<b>Can.</b>	2	past 10. a clocke at	8 24
29	<b>d</b>	<b>fall</b>	<b>Can.</b>	14	night.	8 25
30	<b>E</b>	<b>Andrew Apo</b>	<b>Can.</b>	26		8 26

December hath xxxj. dayes.

To end with December of force wee must,  
Whose counsell is warme meates to vse :  
To flye much Wine, and banish Lust,  
And neuer the guifts of God abute.

Sun  
riseth  
at  
Yorke

1	f	Eligius	Leo 8	8 26
2	g	Libantus	Leo 20	8 27
3	a	Dep. of Plin	Virgo 3	8 27
4	b	Barbara vir	Virg. 16	( Last quarter the 8 28
5	c	Saba	Virg. 29	4. day, at midnight. 8 28
6	d	Nicholas bt.	Libr. 12	8 28
7	e	2. sun. in Adu	Libr. 26	8 29
8	f	Conc of Aps	Scor. 18	8 29
9	g	Cyprian	Scor. 25	8 29
10	a	Estuti	Sag. 10	8 29
11	b	Damascus	Sag. 25	☉ New moone the 8 29
12	c	Sol in Capr.	Cap. 10	11. day, at 6. a clocke 8 29
13	d	Shortest da.	Cap. 25	at night. 8 29
14	e	3. sun. in Adu	Aqua. 10	8 29
15	f	Valerius	Aqua. 24	8 29
16	g	O Sapientia	Pisces 8	8 28
17	a	Ember week	Pisc. 22	8 28
18	b	Gratian bish	Aries 5	☾ first quarter 8 28
19	c	Genetia	Aries 18	the 18. day, 3. quar= 8 27
20	d	fall	Aries 30	ters past one after= 8 27
21	e	Thomas Ap	Tau. 13	noone. 8 26
22	f	30. Martys	Tau. 25	8 26
23	g	Victoria vir.	Gemi. 7	8 25
24	a	Candid. fall	Gemi. 18	8 24
25	b	Pat. of Ch.	Gemi. 30	8 23
26	c	St. Grege	Can. 12	☉ Full moon the 8 22
27	d	John Euan	Can. 23	28 day, 36. minutes 8 21
28	e	Junocent	Leo 5	past 5. at night. 8 20
29	f	Thom. Beck	Leo 17	8 19
30	g	James tran.	Leo 29	8 18
31	a	Willmer be	Virg. 12	8 17



Ranger. 1623.

A Prognostication for the  
yeare of our Redemption,  
1623.

Being the First after the  
Leape-yeare.

Wherein is set downe diuers  
Notes and obseruations both *Phi-  
sicall*, *Astronomicall*, and *Ciuill*.  
Whereunto are annexed many compendi-  
ous tables fit for sundry occasions, and sorts  
of men, which the ingenious may  
vse to their pleasure and  
profit.

By Phillip Ranger Gent.  
And an admirer of the Arts Mathematical.

*Deus operatur omnia in omnibus.*

Printed at London, for the Company of  
Stationers. 1623.

## A Prognostication.

*Astronomicall Calculations for this present Yeare. 1623.*

**T**He Anomalie of the Aequinoctiall is 5 sex. 53 degre: 14 min: 36 sec.

The Praecelsion of the Aequinoctiall according to the Prutenicksis, 28. degrees, 8 min. 19. sec.

The obliquity of the Zodiake is according to the same tables, 23. deg. 28. min. 2. sec. but according to Tycho, Brahe and our moderne obseruations, 23. deg. 31. min. 30. sec

The Excentricity of the O. by the Prutenickes, and the Gregorian tables is 32200. the totall beeing 100000. or, 1. part, 55. min. 55. sec. 12. thirds But according to Tycho, it is 2. parts. 9. min. the totall 60.

		gr:	m.	se.	
	{ Saturni,	29.	40.	41.	{ ✕
	{ Iouis,	7.	7.	2.	{ ☿
<i>Aux. vel</i>	{ Martis,	19.	1.	25.	{ ☿
<i>Apogeon.</i>	{ Solis,	10.	12.	21.	{ ☿
	{ Veneris,	16.	39.	19.	{ II
	{ Mercurij,	0.	57.	56.	{ ✕

Note the Apogeon of Sol is by the obseruation of Tycho Brahe, & our late Astronomers, in 5 d. 52 m. 39. sec. of Cancer.

Saturne finisheth his last yeare retrogradation on the 21. of March, and begineth it againe December the 7.

Iupiter is retrograde till the 5. of March, and is direct till the 17. day of Decemder, at which time he goeth back. Mars likewise from May 25. till the 26. of Iuly.

Venusis retrograde from the 11. of Noueuember till the 21. December.

Mercurie goeth backward from the 18. of March till Aprill. 10. and from the 14. of Iuly till the 6. of August; and the 6. of Noueuember till the 28. of the same.

A

A plaine and easie Table shewing the beginning, continuance, & ending of euery Kings

*Raigne since the Conquest, with how long it is*

since the ending of any of their Raignes,

till this present yeare. 1623. Heere.

tofore set forth by othes, & now

continued for the benefit of

such as shall vse

the same.

The K. names.	Began his Raigne.	Raigned. yea: mo: dayes.	Since his Raigne.
W: Conq:	1066 Octo. 14	20 y. 11 m. 22 d.	536 Sept: 9.
W: Ruf:	1087 Sept. 9	12 y. 11 m. 19 d.	523 Aug: 1.
Henry I	1100 August 1	35 y. 4 m. 11 d.	488 Dec: 3.
Stephen:	1135 Decemb 2	18 y. 11 m. 19 d.	469 Oct: 25.
Henry 2	1154 Octob 25	34 y. 9 m. 2 day	434 July 6.
Richa: I	1189 July 6	9 y. 9 moneths.	423 April 6.
K. Iohn	1199 Aprill 6	17 y. 7 m. 13 day.	407 Oct. 19
Henry 3	1216 Octob 19	56 y. 4 weeks	351 Mon. 16
Edwa: 1	1272 Noue. 16	34 y. 8 m. 6 daies	316 July. 7.
Edwa: 2	1307 July 7	19 y. 7 m. 5 daies	297 Jan. 25.
Edwa: 3	1326 Janu. 25	50 y. 5 m. 7 da.	246 June 21
Richa: 2	1377 June 21	22 y. 3 m. 14 da.	224 Sep. 29
Henry 4	1399 Sep. 29	13 y. 6 m. 3 da.	211 Mar. 20
Henry 5	1412 March 20	9 y. 5 m. 24 d.	201 Aug. 31.
Henry 6	1422 August 31	38 y. 6 m. 8 da.	163 Mar. 7.
Edwa: 4	1460 March 4	12 y. 5 m. 1 da.	140 April 9.
Edwa: 5	1483 April 9	0 y. 2 m. 18 d.	140 Jan. 22.
Richa: 3	1483 Ianna. 22	2 y. 8 m. 5 daies	138 Aug. 22.
Henry 7	1485 Augu. 22	23 y. 8 m. 19 d.	114 April. 32
Henry 8	1509 Aprill 22	37 y. 10 m. 2 da.	77 Jan. 28.
Edwa: 6	1546 Janua: 28	6 y. 5 m. 19 da.	70 July 6.
Q. Mary	1553 July 6	5 y. 4 m. 22 da.	65 Nov. 17.
Elizab.	1558 Nouem: 17	44 y. 4 mo. 15 d.	20 Ma. 24
K. Iam.	1602 March 24	After 10, witting 21	yeares.

## A Prognostication.

Out of the Kalender by the Moones place  
(there noted every day at noone) may bee  
made these vses.

Elections Medicinall, & Phisicall.

First vse not Physicke nor Phlebotomie in the Dog-  
daies, nor in the coldest of Winter, or heat of Sum-  
mer: Except in case of necessity.

Let blood for	}	Sanguine	}	The moon	}	♄	}	♂
		Cholericke		being in		♅		♂
		Melanchollicke				♆		♂
		Flegmaticke				♇		♂

With this caution, that the moone be not in that signe which  
ruleth that member, nor in coniunction, or opposition with  
♄ & ♀, nor at any time when ♄ is combust.

In Youth from the change to the first quarter.

In middle age till 40, from the first quarter to the Full.

In declining age till 56, from the Last Quarter till the  
change, not vnder 14. nor aboue 56 of age.

Purging.

When the moon is in ♄ vse Electuaries. In ♄ vse Vomits.  
In ♄ vse Pills.

Vomits Glisters Peeblings Gargarisme	}	may be vsed when the Moone is in	}	♄	}	♅	}	♆
				♅		♆		♇
				♆		♇		♄
				♇		♄		♅

Bathing.

For grosse bodies, the moone being in ♄. ♅. ♆.

For dry bodies, the moone in ♄. ♆. ♇.

Husbandry Elections.

**B**e fore you plant, or graft, consider the wind, if it be  
in the North or East, spare your labour, for those  
winds are nipping, dry, and parching.

Generally plant & graft in the ending of Autumne, or  
beginning of the Spring, the moone increasing in ♄, ♅,  
♆, or ♇.

Fill tymber to continue from Michelmass to Christ-  
mas, and Astrologians say (how truly I know not)  
that if you build with windfall tymber, your buildings  
are

are apt to bee blowen doſone. In ſelling, let the weather be neither ſwet noz windy. Fell Coppice in the firſt quarter of the moone, in  $\gamma$ ,  $\alpha$ , or  $m$ . Sow ſeedes that be round, as Onions, Pumpions, Turneps, Cucumbers, Cabages, 3 or 4 daies befoze the full. Sow Cozne, Peaſe, and Fetches in February & March, the Moone in  $m$ ,  $\gamma$ ,  $\psi$ ,  $\omega$ . Sow wheat, Rye, and Barley, the moone in  $\delta$ ,  $\Omega$ ,  $\mu$ ,  $\chi$ .

Aſtrogians affirme by their Art, that when the dog ſtarr hath a colnicall riſing: if the moone be in  $\gamma$ . it preſageth violent raynes: If in  $\delta$  ſturdy ſtrong winds. If in  $\pi$ . a great mortality. If in  $\delta$ . much drouth. If in  $\Omega$ . blaſting winds. If in  $\mu$ . much raigne and many aboztions. If in  $\alpha$ . a dyp diſtemperate weather. If in  $m$ . a great peſtilence. If in  $\gamma$  or  $\psi$ . violent winds, and tempeſtious ſtozmes. If in  $\omega$ . a dyp yeare and ſickly. If in  $\chi$ . great ſtoze of raigne. And further they ſay, that what Cozne or Trees ſoener are ſowed or ſet, whiſt the  $\odot$  or  $\text{p}$ . be eclipsed neuer prospereth, or cometh to good, and the rule is, Solis et Lunæ Eclipsis, ſpem fructus eladet: And any Cozne or plant ſet or ſowed within 6. houres befoze or after the full of the Moone in ſummer, and befoze or after the new Moone in winter, hauing ioynd with them the colmicall riſing of Arcturus, and Orion, the Hædi, and the Succuli, is ſubiect to blaſting, & canker. But the truth heereof I leane to the credit of the preſagers: only I am but the repozter of their conceites.

#### Of Aſtronomie in generall,

Aſtronomie being an excellent ſcience whereby we may in aparrt vnderſtand the mighty power, and vnſearchable wiſdome of the worlds Creator, by the ſabrick, and order of his creatures, eſpecially of thoſe heauenly orbs, ordered, diſtinguiſhed, and bedecked in ſeemly equiſpage, and luſtre. It is no maruell though it raiſh the minds of men to ſearch and diue into the abſtruſe, and moſt intricate knowledge of that diuine, ſupernaturall, and ſuper excellent Art.

Pet ſo it is that God ſeeing this curious inclination of vs mortall creatures to pry too far into his ſeeretſies, hath bār-

## A Prognostication.

red vs with ignorance of some things, with vncertainty of others: so that yet neuer man breathing vpon the face of this mortall Globe could euer attaine the certayne & perfect knowledge of the motions, much lesse of the influences of celestiall Orbes and luminaries. For although it cannot well be denied but that *Mundus superior vnitus est mundo inferiori.* And that the constellations of 7 doe power out their influences and workes vpon these inferior bodies: yet all things are inuoloped with a curtaine of secrecy, and that some knowledge that man hath is vncertayne, and he seeth these things but as in a mist:

And reason confirmeth so much; for how can we find out the true time and nature of the influences of the Heauens, & celestiall orbes, when as yet no man euer attayned to the exact knowledge of their motion, seite, and aspects.

Let vs but consider the Alphonsine table, & compare them with the Prutenicks. And the very ground of their computation there is 14. howers difference of the Sunns motion: Again let vs compare the calculation of the Prutenicks after the doctrine of neuer sufficiently praised Copernicus, with the grounds of that *Phœnix of Astronomie Tycho Brahe*, who was *nobilis ortu arte & ingenio.* And there is 6. houres difference in the Sunns motion. So that it is to be confessed that all our tables yet extant haue not attained the exact motion of the Planetts, & so those Ephemerides calculated by these tables are not absolutely true. And *Gemma Frisius* hath observed that the true motion of Mars doth many times differ from the motion calculated by the tables 2. deg: 30. min. as he found out by demonstratiue obseruations.

The causes why Astronomers haue not attayned to exactnes in placing the fixed starrs both according to Longit and Latit plainly appeareth by that which *Tycho Brahe* hath deliuered. chap 2. *Progymnas.* And more particularly he sheweth the reasons why Copernicus erred, notwithstanding his great skill, and admirable dexterity, and apprehension (for *Aliquando bonus dormitat Homerus*) both in the Eccentricity and place of the Aougeum of the sunne: & so by consequence in the whole course of the motion of that planet, whose motion of all others is most regular, and easiest to be obserued. For first hee mistooke the eleuation of the Pole for that place wherein he was assuming it lesse then indeed it was by 2. min: 3 quarters, as *Tycho Brahe* afterwards made triall: so that he failed 2 min. 45 sec. in the true declination of the sunne: and so varied the true ingresse of the Sun into the solstitiall points at least 5 howers and a halfe of time. Secondly he meanes hee made the obliquity of the Zodiacke 3. min: and  
more



more too little for by his rules & tables it is 23 Degr 28. min: and a little more, but since it hath bene found by others 23. Degr: 31 min: 30 sec. Thirdly hee observed not exactly the Parallax & Refraction of the Sun in such an oblique Horizon as Copernicus lived in, (the pole being mounted 54. deg: at least) that it altered at least 13 min: in Longit: which is the motion of 5 howers and an halfe.

I might shew how the said Copernicus sayled in the true motion of the 8 sphaere, & Precession of the Equinoctial: whose table doe differ from exactnes of truth now at the least 26. min: and an halfe.

And as in these so in the motions of all the other orbis & luminaries experience doth shew that there be many errors, which although at first they were so little, that they were not sensibl, yet tract of time hath discovered them palpably: & I doubt not, but those that shall live in another age will find errors in the exactest observations of our best Astronomers: (will reforme them, as they haue reformed those which lived in the last age.

## A Description of the Foure Quarters of the Yeare, with the disposition of the same.

Of the Winter.

**T**he Winter Quarter Astronomically of this yeare 1623, according to the common doctrine of Astronomers, and especially of Tycho Brahe, began the 11, day of December 52. min: past six of the clocke at night, at which time the Sun entred into the first min: of Capricorne, being then declined from the Equinoctiall 23. deg: 31 min: 30 sec. (after the observation of the said Tycho) to the southwards determining with vs the shortest day, and longest night, the day being then with vs at Yorke 7 houres, and 2 min: & the night 16 houres, and 58 min: the day being shorter and the night longer then at London, by 32. min: And this Quarter doth continue so long as the Sun is passing through  $\gamma$ ,  $\epsilon$ , &  $\zeta$  even till the 10 of March following. This winter season is by nature cold, moist, and uncomfortable, and dangerous to travellers both by Sea & by Land, more  
trouble-

## A Prognostication.

troublesome to old persons then to young, by reason that lively heat of youthfull blood doth mitigate and resist the superfluous malignancy of cold moist humors, whereas the coldnesse of age doth yield to them.

The diseases incident to this quarter, are Agues of all sorts, Gswots, Sciaticaes, & other Aches ingendred by Rheumaticke matter distilling along the body, Stiches in the side & back, dropicks, Consumptions, &c.

Of the Spring.

**T**he Sunne the most glorious eye of the world, and comforter of nature, hauing made his reuolution through the Zodiacke, beginneth his taske againe vpon the 10. of March, 10 min: past 7 a clocke at night, at which time the daies & nights are of equall length through the world, the Pole being mounted about our Horizon at Yorke, 54 deg: 20. min. And this quarter continueth till the 11. of June, whilst the Sun passeth through Aries, Taurus, & Gemini. This season is comfortable & doth reuiue & quicken the spirits of men & all other vegetatiue creatures on the North side of the Equinoctiall line, which befoze were dulled by the uncomfortable and disastrous foze-going Winter. Now the earth beginneth to adorne her selfe in the gorgeous lineary of Dame Flora. Now all creatures reioyce & multiply, and the blessings of God for the preservation and comfort of mans life appeareth.

The sicknesses like to raigne & rage this Quarter, are Small poxes, Measels, Squinances, hot feauers, Megrim, paine in the eyes, and diseases about the smal of the Backe, with other Maladies proceeding from the corruption of blood, which now beginneth to abound. And therfoze now is the best time to vse Phlebotomy, and purging of noxious humors, which are the causes of all bodily diseases. Wnt looke that you take counsell of the learned, and play not hand ouer head, least you repent too late, and with anguish of heart cry had I wist for dealing with quacksaluing Emperickes & dog-leeches,

whose

Whole Physicke is more dangerous then the disease.

Of Summer.

**N**OW bright shining Phœbus is approached nearest to our Zenith, and is at his farthest declination towards the North, being mounted aboue our Horizon, 59. d: 10. m: making the longest day 16. hou: 58. mi: and the shortest night 7. hou: 2. mi: The sun doth enter into the first min: of Cancer, the 11. of June a little before midnight: And this season continueth vntill the 13. day of September, whilst the Sunne walketh his station through Cancer, Leo, Virgo. This season is hot and dry according to the naturall disposition, and of complexion Cholericke, which humoz of Choller increaseth now more then in any season: now is heat at the highest the winds lowest, and the sea calmest, wherby the fruits of the earth are brought to maturity & ripeness, & all kind of cattell to fatnes: Now Marchants and Mariners doe vndertake voyages to bring home forraigne commodities, & increafe their owne wealth: Now flowers & fruits are pleasantest & daintiest, the birds most melodious & ioyfull, the Bees most busy & mellifluous, venomous Serpents most abundant and dangerous.

The sicknesses most like to preuaile on mens bodies this quarter, are (according to the iudgment of Hyppoc. & other learned Physitions) hot Apostumes & Ungues, Frenlies, Madnes, Apoplexies, hot burning feauers, Inflamations of the eyes, vlcérations of the mouth, paine & grieve in the bladder, fundament, and priuities, proceeding of hot, limy & sharpe humozs, especially to yong men betwixt xx. & xxx. yeares of age, and women of cholericke constitutions. It is an inconuenient time to take physicke, except in cases of extremity, and with very good aduise of the learned Physition.

Of Autumne.

**T**his Quarter concludeth the Astronomickall yære and is called Autumne, beginning when the Sun doth enter into the first min: of Libra, which is on the

## A Prognostication.

the 13 day of September, at 2 of the clocke, and 35 min:  
afternoone, making the day and night of equall length  
And continueth vntill the xi. day of December next fol-  
lowing, vntill the sun hath passed through  $\alpha$ ,  $\mu$ , and  $\gamma$ ,  
This season is naturally cold & dry, the forerunner of  
that oppressing Tyrant Winter. Now the beauty of  
the earth beginneth to fade, and this Lady Ops our  
common Grandmother resigneth her rich robes wher-  
with she was befoze by the goodnesse of the spring im-  
mantled, laying it by in the wardrobe of Nature to re-  
sume it againe when the violence of winter is past.

The bodily diseases whereunto mans frailty is sub-  
iect this quarter are more then many, and almost al that  
can bee named: but the chiefe are obstructions of the  
breast & lungs, Chollicks, Joint aches, and generally  
all diseases proceeding of grosse & tough steame, incident  
especially to persons aboue 50 yeeres old: from which  
and all other diseases, especially the speckled Leprosy of  
the Soule, Good Lord deliuer vs.

---

*A Note of the distances of the Sun and Moone, from  
the Earth and of their bignes, together with the  
rest of the Planets compared to the Earth.*

The	{	Semidiameter	}	of the	{	3436	}	English	
		Diameter		earth		6873			Myles.
		Compasse		is		21000			

Iune 22.	{	the sun is distant	}	3841448	}	English
Decemb 21.		from the earth.		3793344		Myles.

---

The	{	greatest alti:	}	is distant	{	230212	}	English
		in her		least altitude		fro y Ea:		

Sol Jupiter Saturne Mars	{	contaynes the big- nes of the Earth,	}	166	}	tyemes
				95		
				91		
				2		

The

Ranger. 1623.

The Earth contains { Venus 39 }  
 { Mercury 3143 } times.  
 { Moone 39 }

The body of ☉. containe the globe of the ☾. 6639. times.

Starres of the	{	First	} magnitude {	107	} times.
		Second		90	
		Third		72	
		Fourth		54	
		Fift		36	
		Sixt		18	

These things are thought incredible to those which are not acquainted with Mathematicall demonstrations, for whole sake only they are set down to informe their vnderstanding, and to reforme their Iudgements.

The Heauens declare the glory of God, and the firmament sheweth his handy worke. Psal. 19. 1.

Of the Eclipses this present year. 1623.

This yeare will happen a great Eclipse of the ☾. on the first day of Aprill halfe an houre past 3: of the clocke in the morning, in the west part of heauen neere vnto the Dragons head, wherein almost the whole body of the Moone wil lose her light by the interp'sition of this darke globe of mortalitye the earth betwixt the body of the sun, and the body of the Moone, wherby the glorious bright beames of the sun are hindzed from reflecting vpon the body of the Moone, so that the moone must needs be depriued of the borrowed light. The beginning of this Eclipse will bee 50 min. past one in the morning, and the end about the rising of the sun. So she will continue eclipsed, before she hath fully recovered her light 3 howers, and about a quarter. And the beginning of her darkenes will be on the north side of her body by reason of the Moone hath south latitudes, & the quantitie of the Eclipse will be 11. deg: & an halfe.

The

## A Prognostication.

The apparant & seene positure of the 5. Planets  
and other fixed starrs in our Hemisphere at  
Yorke the first day of euery Moneth.

### January.

h. 2 deg. of ♄. 24 deg. of ☿. 14 deg. of ♀. ♀. 10 de:  
of ♄. ♀. 28 deg. of ♀.

Saturne riseth about an howre after sun-set, & is south  
3 quarters past midnight. Iupiter riseth almost an ho:  
before Saturne, and is south a quarter past mid-night,  
Mars riseth halfe an howre past 2. in the mo2: Venus is  
vnder the sun beames, and cannot be seene. Mercury ri:  
seth moze then an houre & halfe before the sun. Orions  
left foot south 9. 24. eue: seauen stars south 7. 51. eue:  
Buls eye 8. 42. eue: Canis Maior is south 10. 56. eue:  
Lyons hart south 2. 26. mo2: Spica Virginis south 5. 34.  
mo2: Arcturus is south at 6. 25. mo2: Lucida Coronæ  
south at 7. 46. mo2.

### Februarie.

h. 0 deg. of ♄. 21. deg. of ☿. 14 deg. of ♀. ♀. 19, deg:  
of ♄. ♀. 19 deg. of ♄.

Saturne is south, 23. min: past 10. eye. Iupiter south  
3 quarters past 9. eue. Mars riseth at two in the mo2:  
Venus and Mercury cannot be seene. Orions left foot  
south 7. 15. eue: Dog starre south 8. 47. ene. Lyons  
taile south 1. 49. mo2. Lucida Coronæ south 5. 37. mo2:  
south ballance south 4. 5. mo2: Cor Scorpij south 6.  
26. mo2:

### March.

h. 28. deg. of ☿. 14. 19. deg. of ☿. 17. deg. ♀. ♀. 24.  
deg. ♀. ♀. 8. deg. of ♄.

Saturne is south 34. min: past 8. eue. & setteth 4. 22.  
mo2: Iupiter south at 8. eue. setteth at 4 mo2: Mars riseth  
at 40. min: past 1. mo2: Venus is not yet recovered from  
the sunns company. Mercury setteth 8 min: past 7. at  
night. Lesser Dog south 7. 55. eue. Hydras eie sou: 8. 52.  
eue. brightest Hydræ south 9. 44. eue. Lyons hart south



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10. 20 euen: Lyons taylor south at midnight. Arcturus south 2. 30. mozt: south ballance south 3. 4. mozt. Cor Scorpij hart south 4. 40. Morning.

Aprill.

h. 28. deg: of ☉. 4. 20 of ☊. 3. deg: of ♄. ♀. 1. deg: of ☿. ♀. 12. deg: of ♀.

Saturne south at sun setting. Iupiter south halfe an hower befoze Saturne. Mars is south befoze sun rise. Venus setteth an houre after the Sunne. Mercury is combust. Lyons Tayle south 10. 10 eue: Bauens bill south 10. 30 eue: Viandemiator is south 11. 19. eue: Arcturus is 0. 40. mozt: Scorpions hart south 2. 47. mozt: Hercules head south at 3. 33. in the moztning.

May.

h. 29 deg: of ☉. 4. 23 deg: of ☊. 3. 14. deg: of ♄. ♀. 9. deg: of ♀. ♀. 23. deg: of ♀.

Saturne setteth at 0. 41. mozt: Iupiter is almost south-west at sun set. Mars south 3. 48. mozt: Venus setteth an houre after the sun Mercury riseth a litle befoze the sun. Spica Virginis south 10. eue: Arcturus south 10. 44. eue: Serpentarius head south 2. 4. mozt: Dragons head south 2. 35. mozt: Lyra south 3. 10 mozt: Eagles taylor south 3. 34. mozt: Eagles heart south at 4. 15. in the mozt.

June.

h. 2 deg: of ☉. 4. 29 deg: of ☊. 3. 16. deg: of ♄. ♀. 16. deg: of ☉. ♀. 24. deg: of ♀.

Saturne is south west at sun set. Iupiter is neare to Saturne. Mars south at 2. in the mozt. Venus setteth 2. howers after the sun. Mercury waiteth on his maister, and cannot be seene. south ballance south 9. 14. eue: Mozt ballance 9 40. eue. Alphera Gnosia south at 10. eue. Scorpions hart south 10. 50. eue. Eagles taylor south 1. 40. mozt: Eagles hart south 2. 13. moztning.

Iuly.

h. 6. deg: of ☉. 4. 5. deg: of ☉. 3. 8. deg: ♄. ♀. 22. deg: of ☉. ♀. 14. deg: of ☉.

Saturne & Iupiter, set 3 quarters after the sun. Mars.

## A Prognification.

is south 11. 18. eue. Venus & Mercury set 3. quarters after the sun. Eagles taile south 11. 26. euen: Eagles heart south 0. 9. mo2: left shoulder of Aquarius south 1. 52. mo2ning.

August.

♄. 10. deg: of ♏. ♃. 12. deg: of ♏. ♂. 4. deg: of ♍. ♀. 28 deg: of ♍. ♀. 9 deg: of ♏.

Saturne & Iupiter & Mercury rise befoze the sun. Mars is sought after sun set Venus setteth on houre and halfe after the sun. Eagles Hart sou: 10. 6. eue: Dolphins tayle south 10. 57. eue. Rictus Pegasi south 0. 22. mo2: Fomahant 1. 18. mo2. Pegasus shoulder south 1. 22. mo2: Andromedas head so. 2. 27. mo2.

September.

♄. 14. deg: of ♏. ♃. 18. deg: of ♏. ♂. 12. deg: of ♍. ♀. 3. deg: of ♍. ♀. 7 deg: of ♍.

Saturne riseth at 2. 12. mo2: Iupiter riseth 3 quarters past 2. mo2. Mars is south halfe an hou: past 7. eue. Venus is occidental sitins after the sun. Mercury is oriental rising befoze the sun. Pegasus mouth south at 10. 11. min: eue. Fomahant south 11. 24. eue: Pegasus shoulder south 11. 24. eue. Andromedas head so: 0. 33. mo2. Aries hozne south 2. 7. mo2: seauen Stars south at 4. 5 mo2:

October.

♄. 17. deg: of ♏. ♃. 24 deg: of ♏. ♂. 28. deg: of ♍. ♀. 3. deg: of ♍. ♀. 29. deg: of ♏.

Saturne riseth 44. min: after midnight. Iupiter riseth at 1. 25. mo2: Mars south about twilight ene: Venus setteth after the sun. Mercury waiteth on his maister the sun. Pegasus leg so: 9. 35. eue: Andromed. head south 10. 44. eue. Rams hozne south 28 min: after midnight. seauen starre south 1. 16. mo2: Bulls eye south 3. 7. mo2: Orions right shoulder at south 3. 58. mo2:

Nouember.

♄. 19. deg: of ♏. ♃. 28. deg: of ♏. ♂. 17. deg: of ♍. ♀. 25. deg: of ♍. ♀. 8. deg: of ♍.

Saturne riseth at a 11. a clacke at night. Iupiter riseth neare

neare midnight. Mars south a quarter past 6. ene. Venus setteth an houre and halfe after the sun. Mercury is scorched with the sun beames. Rams horne south 10. 28. ene. seauen stars south a quarter of an houre after midnight. Bulls eie sou: 1. 7. mo: Orions right shoulder south 2 35. mo: Canis Maior south 3. 33. mo: morning.

December.

Saturne 19 deg: of  $\Omega$ .  $\Upsilon$ . 23 deg: of  $\nu$ .  $\zeta$ . 8. deg: of  $\kappa$ . Venns. 19. deg: of  $\tau$ .  $\phi$ . 2. deg: of  $\tau$ .

Saturne sou: at 4. 12 mo: Iupiter south 4. 45. mo: Mars south at 5. 24 ene. Venus is cumbut Mercurie riseth befoze the sun. Rams horne sou: 8. 1. ene: seauen starres south 10. 9. ene. Bulseie south 11. ene: Orions right shoulder south halfe an hower past midnight Canis maior south 1. 26 mo: Canis Minor south 2. 17. mo: Lyons heart south 3. 10. mo: Lyons saile south 4. 5. morning.

These fixed stars are set down for very good purpose to know the exact houre of the night and they alter 4. mi: euery day more, or lesse. Eue: standeth for euening, and Mo: for morning. And it is blefull, pleasurable, and profitable for Gentlemen, Schollers, Physitions, and Mariners, and generally for all sorts of men who delights in Mathematicall speculations.

A table to know when it is full Sea in most of the coasts of England, & the poynt of the compasse the Moone is in.

**F**irst find the age of the  $\Delta$  in the Kalender for the time you desire, then looke in this ensuing table at what time she commeth to south, and to that time so found in the table, and name of the place for which you seeke, and see how many houres & minuts bee annexed therunto, which if you ad to the moones comming to the south, you haue the time of full Sea for that place, except the violence of winds do hasten or hinder the tide, and you haue also the point of the compasse the moone is in at full Sea in that place.

The

# A Prognostication.

## The Table.

the age of the Moon,		her com- ming to South,	The Names of the places.	at the se to her coming to South.	
Daies.		H. M.		H.	M.
1	16	12 48	South-Quinto. Port.	0	0
2	17	1 36	Redban, Aberdeen,	0	45
3	18	2 24	Gravesend, Chancet,	1	30
4	19	3 12	Doub. Count. Andrews.	2	15
5	20	4 0	London, W. W. Sals.	3	0
6	21	4 48	Barwick, Ox. d.	3	45
7	22	5 38	Brith, W. d. of. Sals.	4	30
8	23	6 24	Falm: Water: S. d. S.	5	15
9	24	7 12	Humber, Plimm. Weym.	6	0
10	25	8 0	Briskoll, Lanion,	6	45
11	26	8 48	Wiltford, North of Eng:	7	30
12	27	9 36	Portland. Peterport,	8	15
13	28	10 24	Porte, D. Sals,	9	0
14	29	11 12	Wip. Reedles. Casket:	9	45
15	30	12 0	Calice. Wip. Calice. Sals.	10	30

### Example.

This yeare 1623. on the 26 of October the Dis 13. dayes old, I would know when it will be full Sea at Humb: I find when the D is 13 da: old, her comming to South will be at 10 a clocke 24 m. which I ad 6. Standing against Hum. y totall is 16. houres 24 min. so it is full sea at Humb: at 16 ho: 24 m: after noone, that is at 4 a clocke 24. min. nax, and the D is West. This is the common opinion of Mariners, and renewed by tradition amongst them as infallible: but whether it be true according to the grounds and rules of Art, let the masters of the Astronomy iudge.

### How to find the Golden number.

Begin your account from the yeare 1500. and see how many scoze of yeares be passed, and for every scoze of yeares account 1. to which add the od yeares aboue twentyes, and the aggregate is the golden number, vnlesse it exceed. 19. if it doe, then cast away 15. the Remanent is the golden number.

A Table shewing how to find the Moueable Feasts, which may be termed the Kalenders Key.

Mouable. Golden Number.	Concurrent dayes.							Dominicall Letter.
	0	1	2	3	4	5	6	
	a	b	c	d	e	f	g	
1	8	8	8	8	7	7	7	
2	6	6	6	6	6	6	6	
3	9	9	9	9	9	8	8	
4	8	7	7	7	7	7	7	
5	6	6	6	6	5	5	5	
6	9	9	8	8	8	8	8	
7	7	7	7	7	7	6	6	
8	10	10	10	9	9	9	9	
9	8	8	8	8	8	7	7	
10	7	7	6	6	6	6	8	
11	9	9	9	9	9	9	9	
12	8	8	8	7	7	7	7	
13	6	6	6	6	6	5	5	
14	9	9	9	9	8	8	8	
15	7	7	7	7	7	7	7	
16	6	6	6	5	5	5	5	
17	9	8	8	8	8	8	8	
18	7	7	7	7	7	6	6	
19	10	10	9	9	9	9	9	

If you desire to know the distance of Christmas & Shrove tide called Interuallum minus, seeke for the Golden number for that yeare on the left hand of the Table and for the dominicall Letter, at the top: and in the common angle or meeting are the number of weeks betwixt those feasts, & aboue  $\frac{1}{2}$  Sunday Letter are the odd daies to be added.  
Example.

An. 1623. the Sunday Letter is E, & the Golden number is 9. so looking for the comon meeting I find 3. for 8 weeks: and aboue the dominicall Letter standeth 4 for odd da. so it is 8. weeks, & 4 daies betwixt those 2 feasts.

After this, Multiply 8. weeks by 7. the 2air 3 of a week, and it maketh 56. to which add the 4. odd da. the total is 60. to this allowes ad 1. for the feast day it selfe. so it is 61. from this abate 7. for the odd daies of Decemb. remaineth 54. & from this abate 31 for the da: of January, so remaineth 23. for the month of February, wherupon I conclude  $\frac{1}{2}$  the 23 of Feb: is Shrovesunday: to this add 49. where Feb: alloweth 7 and March 31 in al 36. which taken out of 49 remaineth 13. for  $\frac{1}{2}$  13 of April being Easter day, from this againe count 49, wherof  
C April

## A Prognostication.

April alloweth 17. and May, 31. in all 48. which abated out of 49. remaineth 1. for the first June, on which day is Whitunday. And so of any other yeare.

Note that the accompt beyond Sea doe keepe their moueable feasts somtimes with vs, as in the next yeare 1624. somtimes a week before vs, as this present yeare 1623. somtimes 5 weeks before vs, as  $\frac{1}{2}$  last yere 1622. wheras al their vnnouable feasts are euer moze kept 10 dayes before ours.

Note also that according to the common consent of all Astronomers,  $\frac{1}{2}$  day light shutteth not in at Yorke at all, but is perpetuall day-light from the 4. day of May, till the 19 day of July. And in the shortest day in Winter, when the Sun entreth into Capricorne, the day doth bzeake a quarter of an houre past 6. in the morning, and shutteth in a quarter before 6. at night, which 6. houres, 15. min: being deducted from 8. ho: 29. min: at which time the Sun doth rise at Yorke, there remaineth 2. hou: 14. min: for the length of twilight before sun-rising at Yorke, wheras at London the day bzeakes at 6. a clock, 8 min: and riseth at 8. 13. min: so the space betwixt day bzeake & sun rising at London, is 9 minuts lesse then at Yorke. So that although the shortest day at London be longer then at Yorke, 32. min: betwixt Sun rising and setting, yet betwixt day bzeake in the morning & twilight at night it is but 14 min: longer. He that desireth demonstration of these things, let him consult with Clavius Merius, & others, & with Petrus Nonius, who hath of purpose set forth a booke de Crepusculis, where he shall find content.

Ludis, & indulges genio, sed labitur ætas,

Labitur, & nunquam quæ fuit illa redit.

Whilst thou dost sport & play, thy time doth passe away:  
Doth passe, and will not stay, noz yet returne for aye.

FINIS.



The Geographically description of  
waies from one notable Towne to another, o-  
uer all England, and therby how to trauell from  
any of them to the City of London: set forth  
after a new order, by A. H.

**N**ote that the figures in the colwes vnder  
this marke \* is the distance of that towne  
they stand against, from London, or from the  
towne you are directed vnto.

From Yorke to London 150 miles.

From Popke goe first to Tadcaster which is 8 miles.

		miles *			miles *
Thence to	Wensbridge	12	Thence to	Stilton	12
	Doncaster	7		Huntington	9
	Turford	18		Roxton	15
	Newmarket	10		Ware	13
	Grantham	10		Waltham	8
	Stanford	16		London	12
		130			57
		123			48
		105			33
		95			20
		85			12
		69			

From Norwich to London 86 miles.

From Norwich go first vnto Wundam, which is 5 miles.

		miles *			miles *
Thence to	Acteborough	5	Thence to	Barkway	10
	Chertford	10		Durkeridge	5
	Ticklingham lands	6		Ware	5
	Newmarket	10		Waltham	8
	Whitford bridge	10		London	12
		76			30
		36			25
		60			20
		50			82
		40			

From Yarmouth to Colchester, and so to  
London, 92 miles.

From Yarmouth goe first to Lestoffe, 6 miles.

		miles *			miles *
Thence to	Blidbur	10	Thence to	Rededon	18
	Snap-bridge	8		Chelmsford	10
	Wood-bridge	6		Brent-wood	10
	Ipswich	7		London	15
	Colchester	12			
		76			
		68			
		62			
		55			
		43			
		3			

From

# A Prognostication.

From Wallingham to London, 82 miles

From Wallingham to Bickham, 12 miles, thence

miles *			
2	Brandonferry	10	60
	Detwmarket	20	50
	Whitford budge	10	40
		2 } London, as in Norwich way.	

From Cockermouth to Lancaster, and so to London, 223 miles.

First way from Cockermouth to Kilswoke 6. miles,

miles *		miles *	
thence to	Grocener	8	217
	Rendall	14	203
	Burton	7	195
	Lancaster	8	188
	Preston	20	168
	Elligan	14	154
	Clartinton	12	142
	Pew-castle	20	122
thence to	Whitchfield	20	104
	Colehill	12	90
thence to	Conentry	8	82
	Denentry	14	74
	Coccler	10	60
	Stonistratford	6	50
	Bickhill	7	44
	Dunstable	7	38
	S. Albons	10	20
thence to	Barnet	10	10
	London	10	

From Barwicke to Yorke 108 miles.

Go first to Belford, which is 12 miles.

miles *		miles *	
thence to	Inwicke	12	84
	Worpit	12	72
	Bewcastle	12	60
	Durham	12	48
thence to	Darlington	14	34
	Northalerton	10	24
	Topcliffe	7	17
	Yorke	17	

From Shrewesbury to Couentry, and so to London, 126 miles.

From Shrewesbury go to Watlingstreet 7 miles.

miles *		miles *	
thence to	Sheshall	5	114
	Banningall	3	111
	Wolverhampton	5	106
	Wemicham	20	76
thence to	Meriden	10	85
	Conentry	4	82
	London as in Lancaster-way.	12	

From

Ranger. 1623.

From Cambridge to London, 44 miles.

First go to Roydon from Cambridge, 10 miles, thence

	miles *		miles *
to { Barke-way	4 30	{ Galfham	8 12
{ Duckertage	5 25	{ London	12
{ Ware	5 20		

From Oxford to London, 47. miles.

From Oxford go to Wharley-bridge, 5 miles, thence

	miles *		miles *
to { Tetworth	5 37	{ Beconsfield	5 12
{ Stoken-church	5 32	{ Arbridge	7 15
{ Cluckham	5 27	{ London	15

From Ludlow to worcester, and so to London, 106 miles.

From Ludlow go to Tenbury, which is 5 miles.

	miles *		miles *
thence to { Worcester	16 85	{ Cluckham	20 27
{ Eusham	12 73	{ Beconsfield	5 22
{ Chippingwotton	14 59	{ Arbridge	7 15
{ Alip	12 47	{ London	15

From Carmarthen to London.

Go first to Lambourn, which is 20 miles, then

	miles		
to { Belch	14 135	{ London, as in Lud-	
{ Brelton	12 123	{ low way.	
{ Worcester	26 85		

C 3

From

From S. Davidst to Hereford and Gloucester,  
and so to London. 210 miles.

From S. Davids go to Arford, 12 miles.

	miles *		miles *
thence to Carmarthen	24 174	thence to Farington	10 56
Newton	12 162	Abington	10 46
Landbury	10 152	Dorchester	5 42
Brecknocke	16 136	Denley	12 29
Hay	10 126	Waldenhead	7 22
Hereford	24 112	Colebrooke	7 15
Rosse	19 93	Hounslow	5 10
Gloucester	22 81	London	10
Exceter	15 66		

From Carnaruan to Chester, and so to  
London, 207 miles.

Go first unto Conaway, which is 24 miles.

	miles		miles *
thence to Denbigh	11 162	thence to Lichfield	18 102
Flint	12 160	Colehill	12 90
Chester	10 150	Conentry	8 82
Wich	15 135	London, as in Col-	
Scrone	15 120	hermouth way.	

From Bristow to London, 97 miles.

First go to Warfall which is 10 miles.

	miles *		miles *
thence to Chipnam	16 77	thence to Reading	15 32
Warleborow	15 62	Waldenhead	10 22
Hungerford	8 54	Colebrooke	17 15
Newbery	7 47	London	15

From Exceter to London, 138 miles.

Go first unto Winton which is 12 miles.

	miles *		miles *
thence to Chard	10 116	thence to Basingstoke	16 39
Crookthorne	6 110	Warrherow	8 31
Sherdeborne	10 100	Bagshot	8 23
Shaftsbury	12 88	Stanes	8 15
Salisbury	18 70	London	15
Andover	15 55		

From

Ranger. 1623.

From Douer to London 55 miles.

First go vnto Canterbury which is 12 miles, thence

	Sittingbourne	12 32		Dartford	6 12
2	Rochester	8 23	2	London	12
	Grauesend	5 18			

From Rye to London 48 miles

First go to Bleanwell which is 1, miles, thence

	Tunbridge	11 23		London	15
to	Chesham	7 15	2		

From Southampton to London 64 miles.

So first vnto Twisford which is 8 miles, thence

	Alford	8 48		Ripley	5 20
to	Alton	7 41	2	Cobham	5 15
	Farnam	7 34		Kingston	5 10
	Gilford	9 25		London	10

From Chichester to London, 50 miles.

So first to Bishurst, which is 7 miles, thence

	Chiddington	10 33		Cobham	5 15
2	Gifford	8 25	2	Kingston	5 10
	Ripley	5 20		London	10

From Couentry to Oxford 44 miles.

First goe vnto Southam, 14 miles, thence

	Bandury	10 24		Oxford	6
2	Woodstocke	14 6	2		

From Couentry to Cambridge, 46 miles

So first to Dunchurch, which is 8 miles, thence

	Northampton	10 28		S. Edes	8 10
2	Higham-ferries	10 18	2	Cambridge	10

From

# A Prognostication.

From Bristow to Oxford, 48 miles.

So first unto Salisbury, 10 miles, thence  
 miles \* miles \*  
 2 { Gloucester 12 | 26 | 2 { Oxford 12  
 Faringdon 14 | 12 |

From Bristow to Shrewsbury, 70 miles.

First go to Worcester, which is 8 miles, thence  
 miles \* miles \*  
 2 { Durnmouth 10 | 42 | 2 { Ludlow 8 | 20  
 Hereford 12 | 40 | { Shrewsbury 20 |  
 Kempster 17 | 28 |

There is another way to go to Shrewsbury from Bristow,  
 as to Gloucester, Tewkesbury, Worcester, and Bridg-  
 north, &c. but it is 17 miles further, then you  
 passe no ferry.

From Yorke to Shrewsbury, 103 miles.

So first to Litcherby, which is 7 miles,  
 miles \* miles \*  
 thence to { Otley 13 | 83 | thence to { Norwich 16 | 36  
 { Bradford 6 | 77 | { Beeton-wood 9 | 26  
 { Halifax 6 | 71 | { Whitchurch 10 | 16  
 { Blackston-edge 6 | 65 | { Duce 4 | 12  
 { Roch-dale 6 | 59 | { Shrewsbury 12 | 8  
 { Manchester 51 |

FINIS.